



December

Minneapolis, Minnesota U.S.A.

2016

TCRC Banquet Another Great Time Had by All!

by Bob Briesemeister

The 2016 edition of the TCRC Banquet was another very enjoyable event for all in attendance. It was a good turnout of 45 members and their guests. The Fong's Restaurant food was once again a hit as well as the atmosphere and large space allowing us to spread out and enjoy some games and mingling.

The Banquet began around 5 pm with social hour, appetizers and drinks, with dinner following around 6:30. There were plenty of great prizes up for grabs. Prizes consisted of large to small aircraft, gift certificates, wine and movie ticket baskets. A slide show of the year's events ran on a continuous loop for all to enjoy.



Continuous slide show

After dinner, the games began and tickets were earned to then throw into specific baskets which coordinated with the prizes displayed. All attendees were presented with a Balsa airplane to assemble and then to be used for the flying games. Again Wings of Fortune was a hit and all were pleased with the prizes they won.

There was a short presentation given by myself on the Walt Billett Award. The award this year was given to Larry Couture. Larry's endless efforts as safety coordinator and board member earned him this prestigious award. (See page 4 for the Walt Billett article.)

The evening wrapped up with dessert and the presenting of prizes won and various group pictures taken.

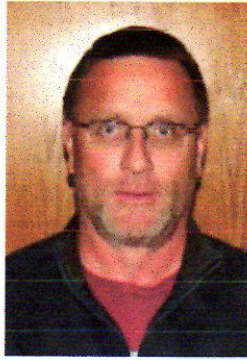
Thanks to all who helped put the banquet together and to the members and spouses who came and made it a very enjoyable time. J



Fantastic prizes awaiting their winners. (Photo by Jim Ronhovde)

A Note from The Head Wing Nut

By Bob Briesemeister



TCRC Members

It's hard to believe that it is already December. Hopefully you had a good Thanksgiving and were able to spend some time with family and friends. Our fall has been a mild one so remember the field is always open and will stay open all winter long if you are so inclined to venture out and do some flying.

The elections were held at the November membership meeting. Mark Wolf and Jim Ronhovde both decided not to run for another term. I would like to thank them and the rest of the board for their hard work and contributions to TCRC over the last year. I would also like to thank the TCRC membership for their support in re-electing me for a 4th term as president. I would like to thank the members who stepped up this year to serve as the board. Those members are Tim Wirtz, Brian Johnson, Ken Weddell, Doug Elyea, Larry Couture and Gerry Dunne. We couldn't have such a great club without people volunteering their time both on and off the board.

If you didn't make it to the banquet you should put it on your calendar for next year. It's a great way to meet and get to know some of your fellow members and their families.

The board will be meeting on December 7th to set the budget and calendar for the 2017 flying season. Please contact a board member if you have any input.

The 41st Annual TCRC auction is only 2 months away. It will be held on February 4th to avoid any conflicts with Valentine's Day. We need every member to step up and volunteer to make the auction run successfully. This is our biggest fundraiser and is what helps us keep our annual dues down. There is some pre-planning that will be done at the next two meetings. The most help is needed on Friday night setting things up and then on Saturday from the start to the cleanup at the close of the auction.

This month's raffle plane is a Horizon Hobby Pawnee Brave which retails at \$200.00. Raffle chances are still only \$5.00 each.

See you at the meeting

2017 AMA Dues Statements

All TCRC members should have received their 2017 dues statements in the mail in September from the Academy of Model Aeronautics.

AMA 2017 dues are the same as the previous year. They are:

- Adult (19-65) \$75
- Senior (65 and up) \$65
- Under 19 Free
or \$15 with *MA*
- Additional family \$38

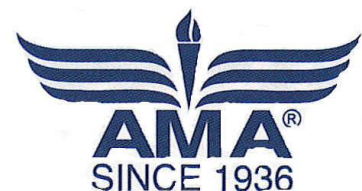
Your AMA membership gives you \$2.5 million in personal liability coverage, \$25,000 in medical coverage and also a subscription to *Model Aviation* for the year.

To belong to TCRC, you must have a valid membership for the year in AMA.

Please note that AMA also has a Park Pilot membership that has a cost of \$38 per year, but that membership is not valid for membership in TCRC.

To renew your membership in AMA, the Academy gives you four methods: at the AMA website, www.modelaircraft.org; by fax at (765) 741-0057; by phone at (800) 435-9262; or by returning the renewal form you received in the mail in the supplied envelope.

Deadline for paying your 2017 AMA dues is December 15 to avoid a lapse in membership services. J



J

Elections Add New Members To TCRC Board Of Directors

by Jim Cook

The arrival of November means its election time, not only nationally but also for TCRC.

This year the four officer positions were up for election as well as one of the three board seats.

For president, incumbent Bob Breisemeister had announced he was running again. There were no further nominations and Bob was re-elected by acclamation.

For vice president, incumbent Mark Wolf was stepping down after a great year. Brian Johnson stepped forward and was nominated for the veep position. There were no further nominations and Brian was elected vice president by acclamation.

For treasurer incumbent Tim Wirtz was running for reelection. No further nominations were presented and Tim was elected treasurer by acclamation.

For secretary, incumbent Jim Ronhovde was stepping down. Ken Weddell stepped forward to run for the position. No further nominations were presented and Ken was elected secretary by acclamation.

The board seat of Gerry Dunne was up for election and Gerry ran for re-election. No further nominations were forthcoming and Gerry was re-elected by acclamation.

The remaining board seats that are not up for election until next year are occupied by Larry Couture and Doug Elyea.

A big thank you to Mark Wolf and Jim Ronhovde for their service to the club as vice president and secretary this past year.

Another big thank you to all of the members who chose to run for election this year and for their upcoming year of service.

TCRC is a great club, and it is a great club because of the members who take the time to sit on the board and make the decisions that keep us sound and strong. **J**

Calendar

- | | |
|-------------------|--|
| Dec. 7 | TCRC Joint Board Meeting, 7:00 PM
Bob Breisemeister's Home |
| Dec. 13 | TCRC Membership Meeting, 7:00 PM
CrossPoint Church
Bloomington |
| Feb. 3 | Auction Set-Up
CrossPoint Church
5:00 PM |
| Feb 4 | TCRC Auction
CrossPoint Church
Bloomington, MN
7:00 AM to 5:00 PM |
| Apr. 7,8,9 | 63rd Annual
Toledo AirExpo
Seagate Center
Toledo, Ohio |



The 2017 TCRC Board of Directors. (Photo by Jim Cook)

Walt Billett Award Presented At TCRC Banquet

by Jim Cook

Each year TCRC awards a person from the R/C hobby who has best personified the purpose of the club: “To preserve, encourage, and further develop the hobby of building and flying radio controlled model airplanes.” This award was named for Walt Billett who was the proprietor of a hobby store in Minneapolis in the 50’s. He was very active in the airplane hobby. The award has been given for almost as many years as TCRC has been in existence and it is a great honor to be named the recipient.

The Walt Billett Award committee consists of the previous three winners of the award, and it is that committee’s task to select the next recipient. The 2016 committee consisted of Tim Wirtz, Bob Breisemeister and Jim Cook. When these three fine gentlemen met to consider who the next recipient would be, they quickly came to a unanimous decision as to who deserved to be the 2016 Walt Billett Award winner.

This year’s award winner is one of the ‘old’ members of the club. He has been a member for more than 20 years, and has been active during all of those years at all of the membership meetings, at the flying field, at the TCRC auction, and in attendance at most of the club’s events.

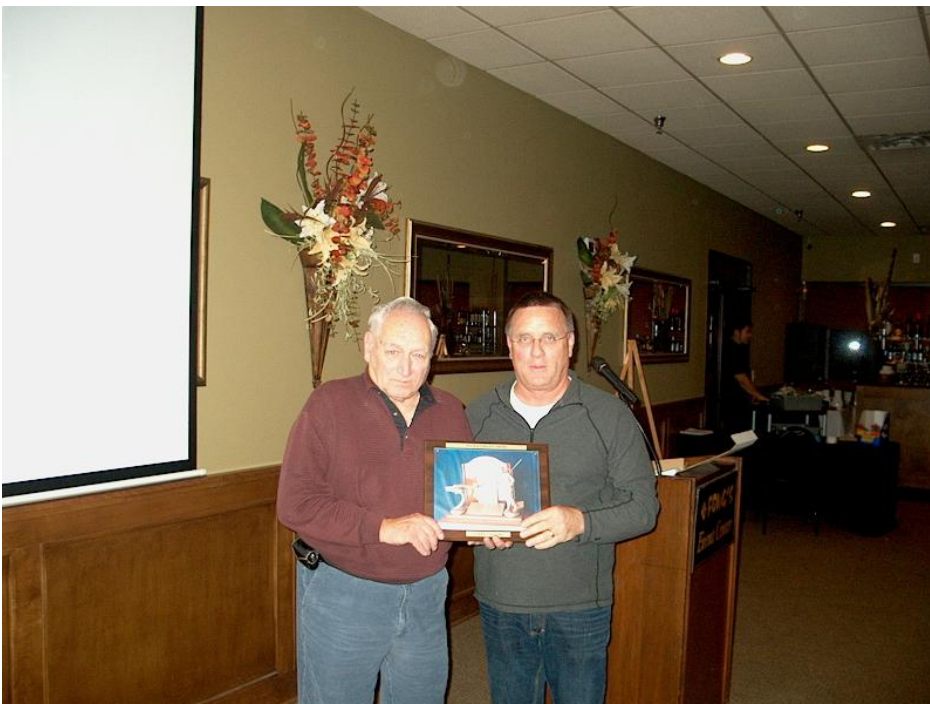
At the flying field, he is one of the engine guru’s that lends a hand when someone has a balky glow engine, and always has some good ideas when a newer member has a question or two that need answering. In addition, because of his engine expertise several members have availed upon him to take home an engine in need of repair, or just a good cleaning, and they are always rewarded with the return of a good reliable engine for many more years of service.

Our 2016 winner hasn’t missed an auction that I can remember, and he has chaired his department every year, running it smoothly and without incident.

Our recipient has held a very important official capacity with the club for many years now. Our hobby is a great, exciting pastime, but it is extremely important that every person in this hobby acts in a responsible and safe manner, and this person is the TCRC member that oversees that safety aspect, and he has done it extremely well for many years as the club safety officer.

By now, you all realize that the 2016 recipient of the Walt Billett Award is Larry Couture. Larry is a very deserving recipient of this award. To paraphrase Larry’s closing comment in his safety article in the newsletter every month: “He is great but not always graceful . . .”

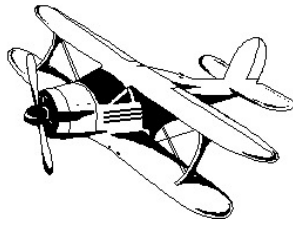
Please join me in congratulating Larry on winning TCRC most prestigious award. J



President Bob Breisemeister presents the 2016 Walt Billett Award to Larry Couture at the TCRC Banquet. (Photo by Jim Ronhovde)



Show & Tell



Several nice planes showed up at the November meeting.



John Berk had a USCG ConAir ARF from a Hobby King kit. This foam plane was done in orange and white and powered by two electric motors. John has flown it twice off of grass and he said it gets off quickly and has plenty of power.

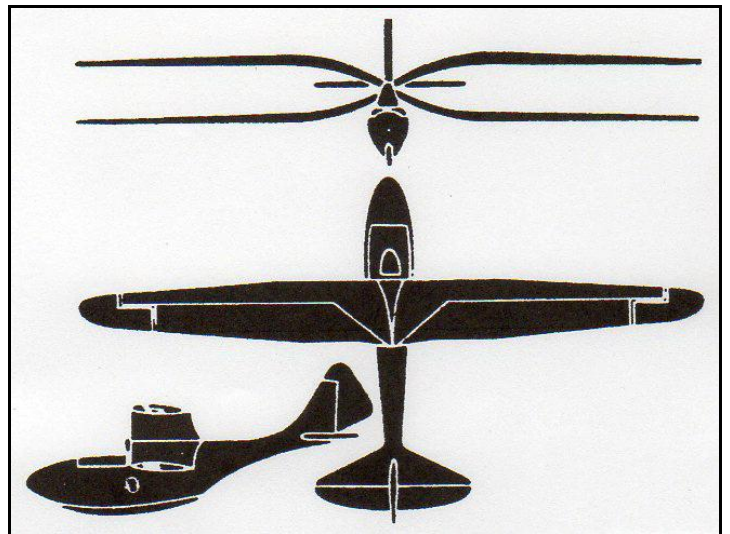


John Berk also had what he called an ugly delta wing foam plane done in gray/light blue/orange. This aircraft had an electric pusher motor and elevons for control surfaces. He said it was a good flyer. For safety reasons he hand launches it underhand. John said it had more than enough power for the weight of the plane.



Sherwood Heggen had an FMS ARF foam Hawker Typhoon. The plane was done in British camouflage and had invasion stripes on the wings and fuse. This plane had a 43-inch wingspan and weighed in at 3 pounds. It was powered with an electric motor and carried a 2,200 mah 3S lipo battery. Sherwood felt the plane was a quality kit and easy to put together. The promo video shows a very nice flying aircraft, which is the main reason he purchased it. It had flaps on it which were slow acting, taking 2 to 3 seconds to activate. The maiden flight has yet to take place but he felt it would be soon. **J**

December Mystery Plane



TCRCOnline.com

Use It!

Veep's Corner

by Brian Johnson



Hello TCRC members.

My name is Brian Johnson and at the November meeting elections I won the prestigious position of vice president of this fine organization. Given that, I thought it might be appropriate for me to tell those of you who don't know me a little bit about myself! I will begin with how I found myself involved with the hobby.

I have been in love with airplanes for as long as I can remember. When I was really young I used to ride in the shopping cart while my mother shopped for groceries and hoped that if I behaved myself I would be rewarded with one of Guillow's rubber powered balsa models. More often than not it worked in my favor. It was these models that gave me my first lessons in aircraft flight controls and the concepts of balancing the forces of lift, thrust, drag, and gravity.

One day one of my father's friends brought the largest wooden airplane (I believe it was an Eaglet 50) I had ever seen to the little hobby farm that I lived on at the time. I watched as he showed me how he was able to move the control surfaces with these magical sticks on the magical box he held in his hands. He started the engine and taxied up and down the length of the barn. I remember thinking that it looked like it *wanted* to fly. I was in awe. Unfortunately, that day was rainy and I did not get to see the plane fly but that made no difference to the affect it had on me. I was hooked.

I begged and begged my parents for one of these radio controlled airplanes to which they always replied that I was too young for such a thing. I was relentless and finally wore them down enough that they made me a promise. That was that if I could wait until I was ten years old they would purchase the airplane for me. I am not sure how old I was when I exploited this moment of weakness, or which one of them actually made the promise, but I must have been pretty young. I learned later in life that they fully expected me to forget about the airplane by the time I turned ten years old and did not expect to have to make good on their promise. The joke was on them!

Not only did I not forget about the airplane, apparently I never stopped talking about it. They did manage to delay the inevitable by talking me into an RC car (a Tamiya Hot Shot for those of you who are into that area of the hobby) for my tenth birthday, but by the time I turned twelve they were ready to cave and bought me my first radio controlled airplane. It was a Great Planes PT-20 and I was about as proud as a peacock with two tails to show off that plane and tell anyone who would listen as I told and retold every detail of building and covering that airplane.



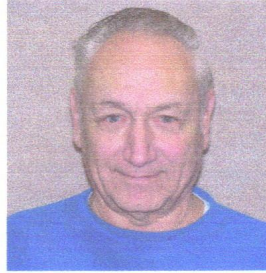
The maiden flight went about how you would expect. The engine did not run well but that did not matter because it did not have to. I did get it off the ground and managed to keep it aloft long enough to make my mother duck, scream, and run for cover at least twice before it finally cartwheeled across the ground. Even this experience did nothing but solidify my love for this hobby.

My father and I repaired that plane and patched the covering many times and ultimately I did manage to

Continued on Page 7, Col. 3

Safety At The Field

By Larry Couture



(Editor's Note: Safety Officer Larry Couture said he was swamped with work and really didn't have time to do a safety column this month. In addition, he said because of the field conditions not too many pilots were getting out to do much flying the last few weeks. The editor volunteered to do a short article on safety in lieu of Larry's column.)

Jim Cook's Top 5 R/C Safety No No's

1. **Never, ever wear a hoody with a drawstring anywhere near an R/C airplane.** If you are in front of an airplane and starting it while wearing a hoody, the suction from the prop could pull the drawstring into the prop and the spinning prop would go into your throat before you could ever react. Big plane or small, it would be a catastrophe.
2. **Do not fly an R/C airplane by yourself.** The damage a spinning prop can inflict is substantial. Even a small electric cutting into soft flesh could be life threatening. I take this one step farther. I do not even start an R/C engine when I am alone.
3. **Do not start a plane or remove a running airplane from a starting station without assistance.** Even though our starting stations are designed to keep a plane from coming forward, without someone holding the plane you must reach across the prop arc to hold a plane from slipping backward while it is being started. Once it is running on the starting station, you have to juggle the transmitter while you awkwardly lift it. There are plenty of members who are more than happy to lend a hand when needed.
4. **Do not let anyone stand anywhere near the prop arc of a running engine.** If that blade breaks or hits something, it can throw a very sharp broken prop a very long distance.
5. **Always fly within your capabilities.** Wind conditions, weather, presence of obstacles, physical discomfort, or just a feeling that something is not right should be enough to abort a flight.

Veep's Corner

Continued From Page 6

get the hang of it and fly well enough to run out a tank of fuel and glide in for a belly landing (the landing gear was something I had long since given up on reattaching).

There were many more planes that we flew from the grassy runway on that little hobby farm but few that I remember with the fondness of that little blue PT-20. I imagine my story is not unlike many of your own. There are, of course, many more stories but I will save those for another time.

I feel very lucky to be part of such a well-run flying club and look forward to serving on the board. It will take a little time to get my feet under me but it will come. I also look forward to getting to know the club members better. I do know many of you from my days as a member of Minnesota Valley R/C Club and I seem to meet someone new almost every time I am at the field. To me that is every bit as much fun as the airplanes themselves.

Until next time . . .

J

TCRC meets every month on the 2nd Tuesday at 7:00 PM in Fellowship Hall of CrossPoint Church located on the southeastern corner of the intersection of 98th Street and France Avenue in Bloomington. Guests are welcome to attend these meetings.

Safety Always Comes First!

Aichi E-11 (Laura)

by Conrad Naegele

The November Mystery Plane was the Japanese Aichi E -11.



Japan, being an island nation, was heavily involved in flying boats and float planes, almost from the start of aviation.

In the early 30's the Japanese navy had need for an extremely slow flying boat, with considerable range, to look for destroyer forces. One of the first was the Aichi E-10 model. A total of 15 were built. It quickly became obsolete, was extensively redesigned, (almost a new flying boat), and was quickly into production, now the E-11. It was a 3-seat biplane, of usual 1930's construction, almost all metal but with all-fabric covered control surfaces.

It had a single 7.7 mm machine gun in the nose, and provision for several very small bombs. A pusher engine was fitted. This plane first flew in 1937, a total of 17 were built, and production ended in 1940. The planes continued in service through the early years of WWII.

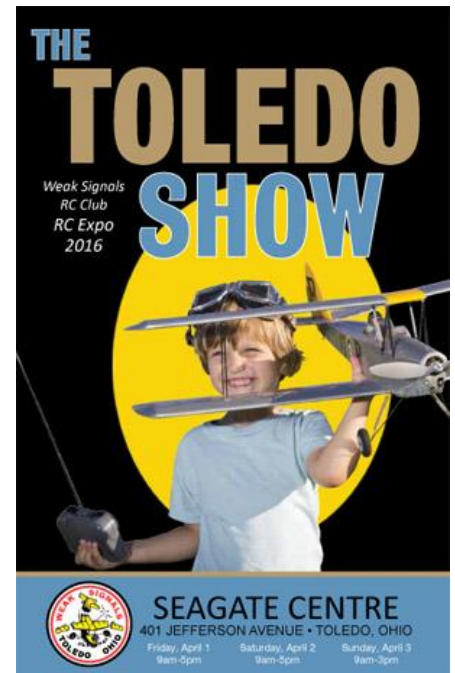
The Aichi E-11 was dependable and easy to fly, and no bad flight characteristics were reported. A total of 32 planes, E-10's and E-11's were built.

The Aichi E-11 had a Hiro 12-cylinder inline liquid-cooled engine that developed 620 horsepower. It had a wingspan of 47.5 feet, a gross weight of 7,269 pounds, an airspeed of 81 mph and a range of 1,284 miles.

Toledo AirExpo April 7th to 9th

Winter is arriving and it is hard to think about spring, but it really isn't that far away.

With spring comes the biggest R/C Expo held here in the United States. That is the Weak Signals Air Expo in Toledo, Ohio.



Absolutely anything sold for the R/C hobby can be found at the AirExpo. Demonstrations of the newest and hottest items will be commonplace. Anyone who is well-known in R/C will be in attendance.

Several members of TCRC make it a point to attend the Toledo Show regularly. This includes Scott Anderson, Chris, Mark and Nathan O'Connor, Mark Wolfe, and Jim Cook.

Think about attending the Toledo Show in 2017. For more information see one of the above members. J

TCRC Ugly Airplane Contest Held November 1st

The much awaited Ugly Airplane Contest occurred after the TCRC elections on November 1st.



Sherwood Heggen presents the UAC trophy to Dave Mansfield after a hard fought battle for the honor of possessing the winner of the Ugly Airplane Contest. (Photo by Jim Cook)

To be a contestant in the Ugly Airplane Contest, the aircraft must still be flyable, but possess levels of hanger rash, hasty field repairs, mis-fitting parts, etc.

The 2016 winner was a trainer proudly owned by Dave Mansfield. He said the plane showed several areas where the fuel was allowing the paint to rub off. The plane has crashed many times and had the scars to attest to each crash. The landing gear was held on by rubber bands to limit the repair that will be necessary after the next crash.

In the picture above Sherwood Heggen bestows the coveted travelling trophy on Dave Mansfield. Sherwood explained that Dave was to embellish the trophy before the 2017 UAC that will be held in November. In addition to the acclaim bestowed upon Dave by the TCRC members and the travelling trophy, he received a \$25 gift certificate from Hobby Warehouse.

Dave did not say whether the \$25 certificate would be used to buy more repair parts for his crowned champion or not.

Thanks to Sherwood for running another enjoyable contest and for the members that swallowed their pride to enter an aircraft in the TCRC Ugly Airplane Contest. **J**

THE TCRC FLARE OUT Monthly Newsletter



TWIN CITY RADIO CONTROLLERS INC.

Purpose: To preserve, encourage, and further develop the hobby of building and flying radio controlled model airplanes.

2017 Officers

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Vice President	Brian Johnson 763-744-6379
Secretary	Ken Weddell 952-500-3446
Treasurer	Tim Wirtz 952-941-5357

TCRC Flare Out

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Publishers: Pat Dziuk 952-445-3089
& Mike Timmerman 952-496-1631

Website: <http://www.tcronline.com>

New Members

Lyle Boyer joined TCRC in November. Lyle lives at 10201 Yukon Avenue S in Bloomington 55438. His phone number is 952-941-9748 and his email address is lyleboyer@outlook.com. Lyle has been in the hobby for 47 years and currently flying an electric 3D aircraft and a sail plane.

When you see Lyle at a membership meeting or at the field, be sure and introduce yourself and welcome him to TCRC. **J**

November Raffle Winner



Larry Couture was a winner for the third time at the November raffle at the membership meeting on November 1st. The plane was a very nice looking Phoenix Model Spitfire Mk 2.

At the December 13th meeting, the raffle prize will be a Horizon Hobby Pawnee Brave with a value of \$200. Chances are only \$5/each and you may enter as many times as you wish. Come to the monthly club meeting on Tuesday, December 13th at CrossPoint Church and be the next winner of the TCRC raffle. J

Everyone's A Winner At The TCRC Banquet



The prize winners show off their loot at the TCRC Banquet.
(Photo by Jim Ronhovde)

Membership Chair Needed

TCRC needs a volunteer to become the club membership chairman.

The chair would be responsible for collecting the new member form when a new pilot joins the club, verify AMA membership, issue membership badges, update the club roster, among other duties. The process to do this is very well organized and easily done.

If you are interested in becoming more involved in the operation of TCRC, and becoming the membership chairman, let a board member know, J

New TCRC Apparel At December Meeting

by Tim Wirtz

The new gray T-shirts with the TCRC 60th anniversary logo should be available at the club meeting on Tuesday, December 13th. Price is only \$10.

Hopefully the TCRC hats, with or without the anniversary logo will also be available. Price is only \$10.

TCRC hatbands have been ordered also. These are cloth bands that fit around most of the broad-brimmed hats that the guys wear at the flying field.

TCRC sweatshirts should be available at the December 13th meeting also. J

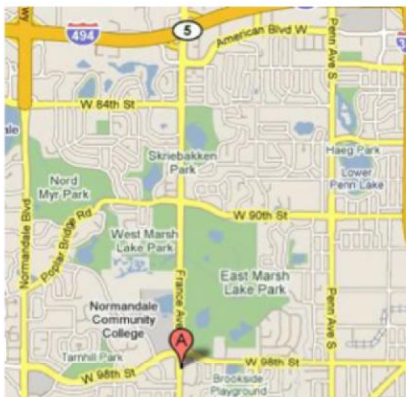


TCRC 41th ANNUAL AUCTION

TWIN CITY RADIO CONTROLLERS – MINNEAPOLIS, MN

Saturday, February 4th, 2017

www.TCRCONLINE.COM



Concessions!

Door Prizes Every Hour!

- Hot Coffee & Donuts
- Soda/Pop
- Hot Dogs & Chips
- No food or drink in the bidding area

NEW BUDGET TABLE!

- For your \$20 & \$30 items (\$20 minimum)
- All Day Exposure \$5 flat fee (sale or no sale)
- Set your price and items are sold at the table.
- Payments to sellers happen same way as regular auction.

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- R/C Airplanes, Kits, Engines & Radio Systems
- R/C Aircraft related stuff & support equipment
- NO Cars/Boats
- NO Unrelated Stuff

When:

Registration Begins @ 6:45 am
 Viewing @ 8:15 am
 Auction Begins @ 9:00 am

Details:

- \$5.00 Admission: includes Bidder's Card
- \$20.00 Minimum Opening Bid. Nothing will be sold for less than \$20
- Commission of \$5 or 10% whichever is greater.
- SELLER MUST attach a brief description to EACH item being sold
- Pre-Registration Available for Sellers
- BUYBACKS @ 10% up to a maximum fee of \$20
- Credit cards will be accepted for auction purchases

Questions?

- E-mail: Auction@TCRCOnline.com
- Call Bob 612-964-8877 or Scott 952-934-1471
- MORE Info at <http://www.tcrconline.com/pages/auction.htm>

NEW SILENT AUCTION!

- For your \$200 and up items
- One Hour Exposure for your item!
- (5) items sold each HOUR for 6 Hours
- Set your minimum price, bidders bid for One Hour then the items are sold to highest bidder
- Limited to the 1st 30 Sellers who choose this option

Be An All Season Flyer In 2017

With the arrival of the new year comes the opportunity to earn your All Season Flyer patch.

To become an All Season Flyer a pilot must put at least one flight on an airplane outside in each month of a calendar year. That means you have to start in January.

In Minnesota, those December, January and February flights can occur in some pretty cool weather.

In TCRC several pilots have a proud tradition of earning their ASF patches. Some have been doing it for more than 10 consecutive years.

Earning an All Season Flyer patch in Minnesota has to be a very daunting experience. However, with the advent of the electric airplanes, it is a lot easier than trying to start a cold glow engine.

If you are interested in becoming an All Season Flyer in 2017, plan on joining the pilots for their January flights. **J**



FREE! Scale Plan Downloads
 ARADO 96B, Focke Wulf TA -152H
 Grumman Lynx, Howard Pete
 Kawasaki Ki-45, Lavochkin La-7
 Mitsubishi -"Babs"

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Add'l Extras:
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